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Declaration and Power of Attorney for Patent Application

As a below named inventor, I hereby declare that:

the specification of which

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

$\beta,\,\beta\text{-CAROTENE}$ 15, 15'-DIOXYGENASES, NUCLEIC ACID SEQUENCES CODING THEREFOR AND THEIR USE

(chec	k one)				
X	is attached hereto)			
	was filed on				as
	Application Seria	l No.			
	and was amended	d on	(if applicable)		
amen	ided by any amend	lment referred to above.	d the contents of the above identified specific which is material to the patentability of this a	· ·	
I here	eby claim foreign p tor's certificate lis	ted below and have also is	le 35, United States Code, § 119 of any foreig dentified below any foreign application for p n which priority is claimed:	gn application(s) fo patent or inventor's	r patent or certificate
Prior Foreign Application(s)				Priority C	laimed
9	9103382.0	Europe	22 / February / 1999	X Yes	
	(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
	(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
	(Number)	(Country)	(Day/Month/Year Filed)	Yes	No

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	le 37, Code of Federal Regulation PCT international filing date		ed between the filing date of the prior	
(Application Serial No	o.) (Fili	ng Date)	(Status) (patented, pending, abandoned) (Status) (patented, pending, abandoned)	
(Application Serial No	o.) (Fili	ng Date)		
and belief are believed to be t and the like so made are pur	rue; and further that these state	ments were made with the k nt, or both, under Section	t all statements made on information knowledge that willful false statements 1001 of Title 18 of the United States ny patent issued thereon.	
			ey(s) and/or agent(s) to prosecute this therewith. (list name and registration	
Mark E. Waddell Warren K. MacRae Kevin C. Hooper Leo G. Lenna	(Reg.No. 31803) (Reg.No. 37876) (Reg.No. 40402) (Reg.No. 42796)	Stephen M. Haracz Timothy E. Tracy Kathleen Gersh Robert J. Lipka	(Reg.No. 33397) (Reg.No. 39401) (Reg.No. 41806) (Reg.No. 42807)	
Send Correspondence to:				
Mark E. Waddell, Esq., Bryan	Cave LLP, 245 Park Avenue, N	ew York, NY 10167-0034		
Direct Telephone Calls to: (n	ame and telephone number)			
Mark E. Waddell - (212) 692-	-1800			
Full name of sole or first inventor Heinrich Bachmann	or .			
Inventors signature			Date	
Residence			······································	
CH-4451 Wintersingen, Switz Citizenship	zerland			
Swiss Post Office Address				
42 Hauptstrasse, CH-4451 W	intersingen, Switzerland			
Full name of sole or second inve	ntor			
Roland Brugger Inventors signature			Date	
Residence				
D-79106 Freiburg	, Germany			
German Post Office Address				

I' hereby claim the benefit under \$5, United States Code, \$120 of any United \$3 application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, \$112, I acknowledge the duty to disclose material

21 Egonstrasse, D-79106 Freiburg, Germany

	Full name of sole on third inventor, if a	
	Arno Martin Friedlein Inventors signature	Date
		
	Residence	
	D-79189 Bad Krozingen, Germany	
	Citizenship	
	German Post Office Address	
	10 Dornröschenweg, D-79189 Bad Krozingen, Germany	
	Full name of sole or fourth inventor, if any	
	Gabriele Margarethe Wirtz	
	Inventors signature	Date
	Residence	
	D-42349 Wuppertal, Germany Citizenship	
	German	
C)	Post Office Address	
	19 Roehnstrasse, D-42349 Wuppertal, Germany	
Ш		
	Full name of sole or fifth inventor, if any	
	Wolf-Dietrich Woggon Inventors signature	Date
L)	mventors signature	Date
	Residence	
	CH-4102 Binningen, Switzerland	
	Citizenship	
j = 4.	German	
======================================	Post Office Address	
	89 Dorenbachstrasse, CH-4102 Binningen, Switzerland	
	Full name of sole or sixth inventor, if any	
	Adrian Wyss	
	Inventors signature	Date
	Residence	
	CH-4313 Möhlin, Switzerland Citizenship	
	Swiss	
	Post Office Address	
	9 Föhrenstrasse, CH-4313 Möhlin, Switzerland	
	Full name of sole or seventh inventor, if any	
	Markus Wyss Inventors signature	Date
		Butt
	Residence	
	CH-4410 Liestal, Switzerland	
	Citizenship	
	Swiss	
	Post Office Address	
	9 Rotackerstrasse, CH-4410 Liestal, Switzerland	

Title 37, Code of Federal Regulations, §1.56, duty to disclose information material to patentability (in part) provides, in part, that each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned.

Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and

- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
- (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.